

Attached hereto is a marked-up version of the changes made to the claims by the current amendment. The attached page is captioned "Version With Markings To Show Changes Made".

Respectfully submitted,



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IN THE ABSTRACT

The existing Abstract has been deleted, therefore no marked-up version is necessary.

IN THE CLAIMS

Claim 3 has been amended as follows:

3. (Amended) A process according to claim 1 ~~or claim 2, characterized in that,~~ further comprising after step f), regenerating at least a portion of said adsorbent particles comprising said sulphur-containing compounds ~~is regenerated~~ and re-injecting the resultant regenerated adsorbent particles ~~are re-injected~~ into the space acting to supply the desulphurisation apparatus.

Claim 4 has been amended as follows:

4. (Amended) A process according to claim 1 ~~or claim 2, characterized in that,~~ wherein a calcitic adsorbent is used and ~~in that the mean~~ desulphurisation is conducted at a mean temperature is in the range of 800°C to 1110°C.

Claim 5 has been amended as follows:

5. (Amended) A process according to ~~any one of claims 1 to 3, characterized in that~~ claim 1, wherein a regeneratable magnesian adsorbent is used and ~~in that the mean~~ desulphurisation is conducted at a mean temperature is in the range of 700°C to 1000°C.

Claim 6 has been amended as follows:

6. (Amended) A process according to ~~any one of the preceding claims, characterized in that~~ claim 1, wherein after combustion step a), the fumes ~~are traversed by~~ traverse one or more superheated steam bundles.

Claim 7 has been amended as follows:

7. (Amended) A process according to ~~any one of the preceding claims, characterized in that the~~ claim 1, operated at adsorbent flow rates ~~are~~ such that the concentration of solids in the fumes, except for the recycle, is in the range 0.1 to 1000 g/Nm³.

Claim 8 has been amended as follows:

8. (Amended) A process according to ~~any one of the preceding claims,~~
~~characterized in that the~~ claim 1, operated with a gas recycle ratio in the apparatus ~~is~~ in the range
of 1% to 50%.

Claim 9 has been amended as follows:

9. (Amended) A process according to ~~any one of the preceding claims,~~
~~characterized in that~~ claim 8, wherein the adsorbent recycle ratio is in the range of 1 to 50.

Claim 10 has been amended as follows:

10. (Amended) A process according to ~~any one of the preceding claims,~~
~~characterized in that~~ claim 1, wherein the grain size of the adsorbents is in the range of 0.1 to
1000 microns.

Claim 11 has been amended as follows:

11. (Amended) A process according to ~~any one of the preceding claims,~~
~~characterized in that and~~ claim 1, wherein ~~the density of the adsorbent particles is~~ have a density
in the range of 100 to 5000 kg/m³.